(54) Title: A METHOD OF COMPRESSING MOVING PICTURES FOR MOBILE DEVICES
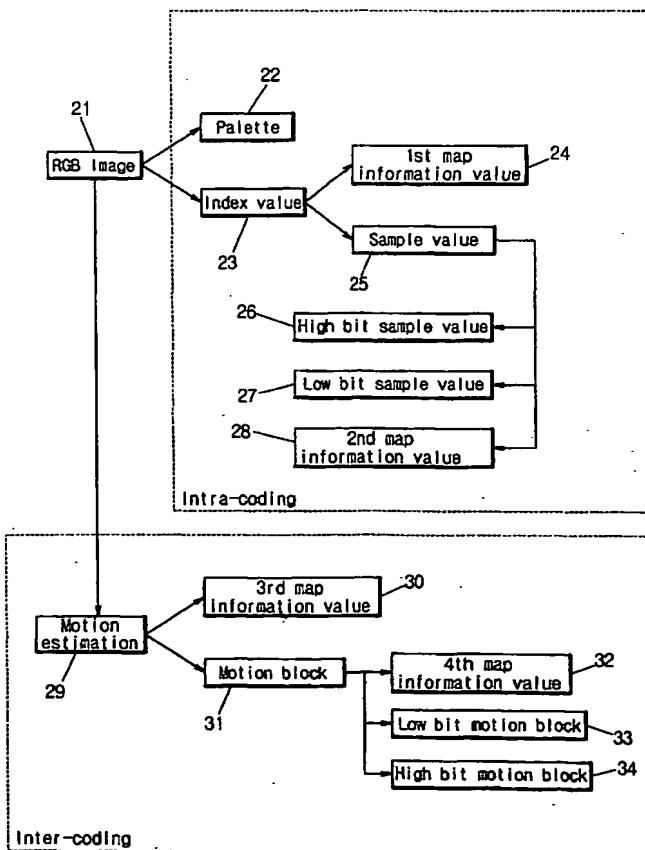
(57) Abstract: Disclosed are technologies for compressing moving pictures. In particular, the present invention relates to a high efficient and simple method of compressing moving pictures for mobile devices. According to the method, it is possible to efficiently compress moving pictures because the method determines whether motion happened or not through a motion estimation process using macro blocks without obtaining motion vectors, and provides various choices in selecting size of blocks to be determined on whether motion happened or not. Further, the method performs P-frame coding based on previously existing P-frame as reference frame, so that the method may omit other previous P-frame and does not need any extra buffering, when transmitting moving pictures over networks. Thus, it has advantages of easy network support and great adaptability to data loss.

GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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